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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759,734	01/20/2004	Lior Gepstein	27395	7379
7590 Martin D. Moynihan PRTSI, Inc. P. O. Box 16446 Arlington, VA 22215	07/12/2007		EXAMINER SINGH, ANOOP KUMAR	
			ART UNIT 1632	PAPER NUMBER
			MAIL DATE 07/12/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Notice of Non-Compliant Amendment (37 CFR 1.121)</b>	Application No.	Applicant(s)
	10/759,734	GEPSTEIN ET AL.
	Examiner Anoop Singh	Art Unit 1632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on 19 April 2007 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

**THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:**

- 1. Amendments to the specification:
  - A. Amended paragraph(s) do not include markings.
  - B. New paragraph(s) should not be underlined.
  - C. Other \_\_\_\_\_.
- 2. Abstract:
  - A. Not presented on a separate sheet. 37 CFR 1.72.
  - B. Other \_\_\_\_\_.
- 3. Amendments to the drawings:
  - A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - C. Other \_\_\_\_\_.
- 4. Amendments to the claims:
  - A. A complete listing of all of the claims is not present.
  - B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - D. The claims of this amendment paper have not been presented in ascending numerical order.
  - E. Other: \_\_\_\_\_.
- 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4):
   
Claims are directed to non elected invention: See Attachment

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

**TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:**

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.
2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1. to 4. are checked, the correction required is only the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121.

Extensions of time are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action.

Failure to timely respond to this notice will result in:

**Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action; or

**Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

/Anne-Marie Falk/

Primary Examiner, AU 1632

Legal Instruments Examiner (LIE), if applicable

Telephone No.

***Response to Amendment***

The reply filed on April 19, 2007 is not fully responsive to the prior office action because of the following omission(s) or matter(s): The claims are drawn to a non-elected subject matter (see restriction requirement dated 6/29/2004). It is noted that in response to restriction requirement applicants elected claims 176-195 (group IV) directed to an *in-vitro* culture of isolated human cells displaying cardiac phenotype in the reply filed on August 17, 2006. It was also noted that applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, and therefore the election was treated as an election without traverse (MPEP § 818.03(a)). Applicants also elected cardiac specific electrical activity for claims 177 and 189 for first action on merit.

Newly submitted claims filed on 4/19/07 are directed to an *in-vitro* culture comprising plurality of embryoid bodies comprising human cells showing cardiac phenotype which is different from originally presented claims directed to an *in vitro* culture of isolated human cell showing cardiac phenotype. As amended none of the claims require isolated human cells to exhibit cardiac phenotype, rather require *in vitro* culture of plurality of different EB's to show cardiac phenotype. It is emphasized that *in vitro* culture of EBs showing cardiac phenotype is different in scope and separate invention as compared to the elected invention of an isolated human cell showing cardiac phenotype. MPEP § 819 states, "The general policy of the Office is not to permit the applicant to shift to claiming another invention after an election is once made and action given on the elected subject matter. Note that the applicant cannot, as a matter of right, file a request for continued examination (RCE) to obtain continued examination on the basis of claims that are independent and distinct from the claims previously claimed and examined (i.e., applicant cannot switch inventions by way of an RCE as a matter of right). When claims are presented which the examiner holds are drawn to an invention other than the one elected, he or she should treat the claims as outlined in MPEP § 821.03

Since none of the previously presented claims are in condition of allowance as stated in previous office actions, accordingly, no claims are presently pending that are

directed to the elected subject matter of Group IV. See 27 CFR 1.111. Since above mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSION OF THIS TIMEPERIOD MAY BE GRANTED UNDER 37CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anoop Singh whose telephone number is (571) 272-3306. The examiner can normally be reached on 9:00AM-5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Paras can be reached on (571) 272- 4517. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Anoop Singh, Ph.D.  
AU 1632

/Anne-Marie Falk/  
Anne-Marie Falk, Ph.D.  
Primary Examiner, Art Unit 1632